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PLANAR-DISPLAY-MIB DEFINITIONS ::= BEGIN

IMPORTS
    MODULE-IDENTITY, OBJECT-TYPE,
    Integer32, enterprises
        FROM SNMPv2-SMI                -- RFC 2578
    SnmpAdminString
        FROM SNMP-FRAMEWORK-MIB;      -- RFC 3411

-- @todo
-- A brief description and update information about this mib.
--
planarDisplayProduct MODULE-IDENTITY
    LAST-UPDATED "201401300000Z"      --
    ORGANIZATION "Planar Systems Inc."
    CONTACT-INFO "Planar Systems
        1195 NW Compton Way
        Beaverton, OR 97006-1992
        www.planar.com
    "
    DESCRIPTION "Planar Display MIB
    "
    REVISION "201401300000Z"
    DESCRIPTION "Initial Release "
    ::= { enterprises planarSystems(19125) planarDisplayProduct(1) }

-- =====
--
-- Info
--
-- =====
plnrAgentInfo OBJECT IDENTIFIER ::= { planarDisplayProduct 99 }

plnrAgentVersion OBJECT-TYPE
    SYNTAX SnmpAdminString (SIZE( 0 .. 255 )) -- String
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION
        "Version information for Planar systems SNMP agent
        "
    DEFVAL { "" }
    ::= { plnrAgentInfo 1 }

-- =====
--
-- WALL
--
-- =====
plnrWallInfo OBJECT IDENTIFIER ::= { planarDisplayProduct 5 }

plnrTargetID OBJECT-TYPE
    SYNTAX SnmpAdminString (SIZE( 0 .. 255 )) -- String
    MAX-ACCESS read-write
    STATUS current
    DESCRIPTION
        "The Group and Unit ID of the display the data is being extracted
from
        Use two hyphens to contact the directly connected display
        "
    DEFVAL { "" }
    ::= { plnrWallInfo 1 }

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plnrDisplayID OBJECT-TYPE
    SYNTAX SnmpAdminString (SIZE( 0 .. 255 )) -- String
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION
        "The group and Unit ID of this display. This is the same as the
        the TargetID unless the target ID is --
        "
    DEFVAL { "" }
    ::= { plnrWallInfo 2 }

-- =====
--
-- PRODUCTINFO
--
-- =====
plnrProductInfo OBJECT IDENTIFIER ::= { planarDisplayProduct 10 }

plnrModel OBJECT-TYPE
    SYNTAX SnmpAdminString (SIZE( 0 .. 255 )) -- String
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION
        "Model Name of connected product
        "
    DEFVAL { "" }
    ::= { plnrProductInfo 1 }

plnrSWPart OBJECT-TYPE
    SYNTAX SnmpAdminString (SIZE( 0 .. 255 )) -- String
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION
        "Part number of the primary firmware of the connected product
        "
    DEFVAL { "" }
    ::= { plnrProductInfo 2 }

plnrAssetTag OBJECT-TYPE
    SYNTAX SnmpAdminString (SIZE( 0 .. 255 )) -- String
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION
        "Value of user settable identification field. Not available in all
products
        "
    DEFVAL { "" }
    ::= { plnrProductInfo 3 }

-- =====
--
-- INPUT
--
-- =====
plnrInput OBJECT IDENTIFIER ::= { planarDisplayProduct 20 }

plnrInputStatus OBJECT-TYPE
    SYNTAX INTEGER {
        unavailable(-1),

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                absent(0),
                ok(1)
            }
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "Indicates if a video source is currently displayed
    "
DEFVAL { 0 }
::= { plnrInput 1 }

plnrInputSelect OBJECT-TYPE
SYNTAX Integer32 ( -2147483648 .. 2147483647 ) -- Integer
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "The currently selected input. Value depends on the connected product
    "
DEFVAL { 0 }
::= { plnrInput 2 }

plnrInputHResolution OBJECT-TYPE
SYNTAX Integer32 ( -2147483648 .. 2147483647 ) -- Integer
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "Horizontal Resolution of the displayed input. Undefined if Source is
absent.
    "
DEFVAL { 0 }
::= { plnrInput 3 }

plnrInputVResolution OBJECT-TYPE
SYNTAX Integer32 ( -2147483648 .. 2147483647 ) -- Integer
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "Vertical Resolution of the displayed input. Undefined if Source is
absent.
    "
DEFVAL { 0 }
::= { plnrInput 4 }

plnrInputVRefresh OBJECT-TYPE
SYNTAX Integer32 ( -2147483648 .. 2147483647 ) -- Integer
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "Vertical frequency of the displayed input in Hz. Undefined if Source
is absent.
    "
DEFVAL { 0 }
::= { plnrInput 5 }

plnrInputSyncType OBJECT-TYPE
SYNTAX INTEGER { unavailable(-1),
                unknown(0),
                sog(1),
                composite(2),
                separate(3)
                }
MAX-ACCESS read-only
STATUS current
DESCRIPTION

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        "Type of sync of the displayed input. Undefined if Source is absent.
        "
    DEFVAL { 0 }
    ::= { plnrInput 6 }

plnrInputInterlaced OBJECT-TYPE
    SYNTAX INTEGER {
        unavailable(-1),
        progressive(0),
        interlaced(1)
    }
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION
        "Interlaced status of the displayed input. Undefined if Source is
absent.
        "
    DEFVAL { 0 }
    ::= { plnrInput 7 }

plnrInputPixelClock OBJECT-TYPE
    SYNTAX Integer32 ( -2147483648 .. 2147483647 ) -- Integer
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION
        "Pixel clock of the displayed input in MHz * 100. Undefined if Source
is absent.
        "
    DEFVAL { 0 }
    ::= { plnrInput 8 }

plnrInputHFreq OBJECT-TYPE
    SYNTAX Integer32 ( -2147483648 .. 2147483647 ) -- Integer
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION
        "Horizontal frequency of the displayed input in kHz. Undefined if
Source is absent.
        "
    DEFVAL { 0 }
    ::= { plnrInput 9 }

-- =====
--
-- DISPLAY
--
-- =====
plnrDisplay OBJECT IDENTIFIER ::= { planarDisplayProduct 30 }

plnrDisplayStatus OBJECT-TYPE
    SYNTAX INTEGER {
        unavailable(-1),
        fault(0),
        ok(1)
    }
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION
        "Overall status of the display
        "
    DEFVAL { 0 }
    ::= { plnrDisplay 1 }

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plnrDisplayTestPattern OBJECT-TYPE
    SYNTAX Integer32 ( -2147483648 .. 2147483647 ) -- Integer
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION
        "Test pattern currently being displayed. 0 if none.
        "
    DEFVAL { 0 }
    ::= { plnrDisplay 2 }

plnrDisplayOSDOnscreen OBJECT-TYPE
    SYNTAX INTEGER {
        unavailable(-1),
        noosd(0),
        osd(1)
    }
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION
        "Status of the on screen display.
        "
    DEFVAL { 0 }
    ::= { plnrDisplay 3 }

plnrDisplayBacklight OBJECT-TYPE
    SYNTAX Integer32 ( -2147483648 .. 2147483647 ) -- Integer
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION
        "Current backlight intensity setting. Value is product dependent.
        "
    DEFVAL { 0 }
    ::= { plnrDisplay 4 }

plnrDisplayBrightness OBJECT-TYPE
    SYNTAX Integer32 ( -2147483648 .. 2147483647 ) -- Integer
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION
        "Current brightness setting. Value is product dependent.
        "
    DEFVAL { 0 }
    ::= { plnrDisplay 5 }

plnrDisplayContrast OBJECT-TYPE
    SYNTAX Integer32 ( -2147483648 .. 2147483647 ) -- Integer
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION
        "Current contrast setting. Value is product dependent.
        "
    DEFVAL { 0 }
    ::= { plnrDisplay 6 }

plnrDisplaySharpness OBJECT-TYPE
    SYNTAX Integer32 ( -2147483648 .. 2147483647 ) -- Integer
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION
        "Current sharpness setting. Value is product dependent.
        "
    DEFVAL { 0 }
    ::= { plnrDisplay 7 }

plnrDisplayColorTemp OBJECT-TYPE

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SYNTAX Integer32 ( -2147483648 .. 2147483647 ) -- Integer
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "Current color temperature setting. -1 if unknown or unavailable.
    "
DEFVAL { 0 }
::= { plnrDisplay 8 }

plnrDisplayGainRed OBJECT-TYPE
SYNTAX Integer32 ( -2147483648 .. 2147483647 ) -- Integer
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "Current red gain setting. Value is product dependent.
    "
DEFVAL { 0 }
::= { plnrDisplay 9 }

plnrDisplayGainGreen OBJECT-TYPE
SYNTAX Integer32 ( -2147483648 .. 2147483647 ) -- Integer
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "Current green gain setting. Value is product dependent.
    "
DEFVAL { 0 }
::= { plnrDisplay 10 }

plnrDisplayGainBlue OBJECT-TYPE
SYNTAX Integer32 ( -2147483648 .. 2147483647 ) -- Integer
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "Current blue gain setting. Value is product dependent.
    "
DEFVAL { 0 }
::= { plnrDisplay 11 }

plnrDisplayColorSpace OBJECT-TYPE
SYNTAX Integer32 ( -2147483648 .. 2147483647 ) -- Integer
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "Current color space setting. Value is product dependent.
    "
DEFVAL { 0 }
::= { plnrDisplay 12 }

-- =====
--
-- POWER
--
-- =====
plnrPower OBJECT IDENTIFIER ::= { planarDisplayProduct 40 }

plnrPowerStatus OBJECT-TYPE
SYNTAX INTEGER {
    unavailable(-1),
    fault(0),
    ok(1),
    off(2),
    unknown(3) }
MAX-ACCESS read-only

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STATUS current
DESCRIPTION
    "State of all power supplies in the system (if available)
    "
DEFVAL { 0 }
::= { plnrPower 1 }

plnrPowerEntry OBJECT-TYPE -- Table row
SYNTAX PlnrPowerEntry
MAX-ACCESS not-accessible
STATUS current
DESCRIPTION
    "Row in the Power status table
    "
INDEX { plnrPowerIndex }
::= { plnrPowerTable 1 }

PlnrPowerEntry
::= SEQUENCE {
    plnrPowerIndex Integer32,
    plnrPowerName SnmpAdminString,
    plnrPowerState Integer32
}

plnrPowerTable OBJECT-TYPE
SYNTAX SEQUENCE OF PlnrPowerEntry
MAX-ACCESS not-accessible
STATUS current
DESCRIPTION
    "Power status table
    "
::= { plnrPower 2 }

plnrPowerIndex OBJECT-TYPE
SYNTAX Integer32 (1..2147483647) -- Automatic index variable
MAX-ACCESS not-accessible
STATUS current
DESCRIPTION
    "Index into the power status table
    "
::= { plnrPowerEntry 1 }

plnrPowerName OBJECT-TYPE
SYNTAX SnmpAdminString (SIZE( 0 .. 255 )) -- String
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "Name of the power supply
    "
DEFVAL { "" }
::= { plnrPowerEntry 2 }

plnrPowerState OBJECT-TYPE
SYNTAX INTEGER { unavailable(-1),
                fault(0),
                ok(1),
                off(2),
                unknown(3) }
MAX-ACCESS read-only
STATUS current
DESCRIPTION
    "Status of the power supply
    "

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    DEFVAL { 0 }
    ::= { plnrPowerEntry 3 }

-- =====
--
-- FAN
--
-- =====
plnrFan OBJECT IDENTIFIER ::= { planarDisplayProduct 50 }

plnrFanStatus OBJECT-TYPE
    SYNTAX INTEGER {
        unavailable(-1),
        fault(0),
        ok(1),
        off(2),
        unknown(3) }
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION
        "State of all fans in the system (if available)"
    DEFVAL { 0 }
    ::= { plnrFan 1 }

plnrFanEntry OBJECT-TYPE -- Table row
    SYNTAX PlnrFanEntry
    MAX-ACCESS not-accessible
    STATUS current
    DESCRIPTION "Row in fan table"
    INDEX { plnrFanIndex }
    ::= { plnrFanTable 1 }

PlnrFanEntry
    ::= SEQUENCE {
        plnrFanIndex Integer32,
        plnrFanName SnmpAdminString,
        plnrFanState Integer32
    }

plnrFanTable OBJECT-TYPE
    SYNTAX SEQUENCE OF PlnrFanEntry
    MAX-ACCESS not-accessible
    STATUS current
    DESCRIPTION
        "Table of sensed fans"
    ::= { plnrFan 2 }

plnrFanIndex OBJECT-TYPE
    SYNTAX Integer32 (1..2147483647) -- Automatic index variable
    MAX-ACCESS not-accessible
    STATUS current
    DESCRIPTION
        "Index into the fan table"
    ::= { plnrFanEntry 1 }

plnrFanName OBJECT-TYPE
    SYNTAX SnmpAdminString (SIZE( 0 .. 255 )) -- String
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION
        "Name of the fan"

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    "
    DEFVAL { "" }
    ::= { plnrFanEntry 2 }

plnrFanState OBJECT-TYPE
    SYNTAX INTEGER { unavailable(-1),
                    fault(0),
                    ok(1),
                    off(2),
                    unknown(3) }

    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION
        "State of the fan
        "
    DEFVAL { 0 }
    ::= { plnrFanEntry 3 }

-- =====
--
-- TEMPERATURE
--
-- =====
plnrTemp OBJECT IDENTIFIER ::= { planarDisplayProduct 60 }

plnrTempStatus OBJECT-TYPE
    SYNTAX INTEGER { unavailable(-1),
                    fault(0),
                    ok(1) }

    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION
        "Status of all sensed temperatures (if available)
        "
    DEFVAL { 0 }
    ::= { plnrTemp 1 }

plnrTempEntry OBJECT-TYPE -- Table row
    SYNTAX PlnrTempEntry
    MAX-ACCESS not-accessible
    STATUS current
    DESCRIPTION "Row in temperature table"
    INDEX { plnrTempIndex }
    ::= { plnrTempTable 1 }

PlnrTempEntry
    ::= SEQUENCE {
        plnrTempIndex Integer32,
        plnrTempName SnmpAdminString,
        plnrTempValue Integer32
    }

plnrTempTable OBJECT-TYPE
    SYNTAX SEQUENCE OF PlnrTempEntry
    MAX-ACCESS not-accessible
    STATUS current
    DESCRIPTION
        "Table of temperature sensor
        "
    ::= { plnrTemp 2 }

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plnrTempIndex OBJECT-TYPE
    SYNTAX      Integer32 (1..2147483647)  -- Automatic index variable
    MAX-ACCESS  not-accessible
    STATUS      current
    DESCRIPTION
        "Index into temperature table
        "
    ::= { plnrTempEntry 1 }

plnrTempName OBJECT-TYPE
    SYNTAX      SnmpAdminString (SIZE( 0 .. 255 ))  -- String
    MAX-ACCESS  read-only
    STATUS      current
    DESCRIPTION
        "      Name of the temperature sensor
        "
    DEFVAL { "" }
    ::= { plnrTempEntry 2 }

plnrTempValue OBJECT-TYPE
    SYNTAX      Integer32 ( -2147483648 .. 2147483647 )  -- Integer
    MAX-ACCESS  read-only
    STATUS      current
    DESCRIPTION
        "      Sensed temperature
        "
    DEFVAL { 0 }
    ::= { plnrTempEntry 3 }

-- =====
--
-- VERSION
--
-- =====
plnrVersion OBJECT IDENTIFIER ::= { planarDisplayProduct 70 }

plnrVersionTable OBJECT-TYPE
    SYNTAX SEQUENCE OF PlnrVersionEntry
    MAX-ACCESS not-accessible
    STATUS current
    DESCRIPTION
        "Table of system versioned items
        "
    ::= { plnrVersion 1 }

plnrVersionEntry OBJECT-TYPE -- Table row
    SYNTAX PlnrVersionEntry
    MAX-ACCESS not-accessible
    STATUS current
    DESCRIPTION "Row in version table"
    INDEX { plnrVersionIndex }
    ::= { plnrVersionTable 1 }

PlnrVersionEntry
    ::= SEQUENCE {
        plnrVersionIndex Integer32,
        plnrVersionName SnmpAdminString,
        plnrVersionValue SnmpAdminString
    }

plnrVersionIndex OBJECT-TYPE
    SYNTAX      Integer32 (1..2147483647)  -- Automatic index variable

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```

MAX-ACCESS not-accessible
STATUS current
DESCRIPTION
    "Index into the version table
    "
 ::= { plnrVersionEntry 1 }

plnrVersionName OBJECT-TYPE
    SYNTAX SnmpAdminString (SIZE( 0 .. 255 )) -- String
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION
        "Name of item that has a version string
        "
    DEFVAL { "" }
    ::= { plnrVersionEntry 2 }

plnrVersionValue OBJECT-TYPE
    SYNTAX SnmpAdminString (SIZE( 0 .. 255 )) -- String
    MAX-ACCESS read-only
    STATUS current
    DESCRIPTION
        "Version string of item
        "
    DEFVAL { "" }
    ::= { plnrVersionEntry 3 }

-- =====
--
-- SN
--
-- =====
plnrSN OBJECT IDENTIFIER ::= { planarDisplayProduct 80 }

plnrSNTable OBJECT-TYPE
    SYNTAX SEQUENCE OF PlnrSNEntry
    MAX-ACCESS not-accessible
    STATUS current
    DESCRIPTION
        "Table of serialized items in the system
        "
    ::= { plnrSN 1 }

plnrSNEntry OBJECT-TYPE -- Table row
    SYNTAX PlnrSNEntry
    MAX-ACCESS not-accessible
    STATUS current
    DESCRIPTION "Row in serial number table"
    INDEX { plnrSNIndex }
    ::= { plnrSNTable 1 }

PlnrSNEntry
    ::= SEQUENCE {
        plnrSNIndex Integer32,
        plnrSNName SnmpAdminString,
        plnrSNValue SnmpAdminString
    }

plnrSNIndex OBJECT-TYPE
    SYNTAX Integer32 (1..2147483647) -- Automatic index variable
    MAX-ACCESS not-accessible

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```

STATUS      current
DESCRIPTION
  "Index into serial number table
  "
 ::= { plnrSNEntry 1 }

plnrSNName OBJECT-TYPE
SYNTAX SnmpAdminString (SIZE( 0 .. 255 )) -- String
MAX-ACCESS read-only
STATUS      current
DESCRIPTION
  "Name of serialized item
  "
DEFVAL { "" }
 ::= { plnrSNEntry 2 }

plnrSNValue OBJECT-TYPE
SYNTAX SnmpAdminString (SIZE( 0 .. 255 )) -- String
MAX-ACCESS read-only
STATUS      current
DESCRIPTION
  "Serial number of item
  "
DEFVAL { "" }
 ::= { plnrSNEntry 3 }

-- =====
--
-- AUDIO
--
-- =====
plnrAudio OBJECT IDENTIFIER ::= { planarDisplayProduct 90 }

plnrAudioVolume OBJECT-TYPE
SYNTAX Integer32 ( -2147483648 .. 2147483647 ) -- Integer
MAX-ACCESS read-only
STATUS      current
DESCRIPTION
  "Current Volume setting
  "
DEFVAL { 0 }
 ::= { plnrAudio 1 }

plnrAudioMute OBJECT-TYPE
SYNTAX Integer32 ( -2147483648 .. 2147483647 ) -- Integer
MAX-ACCESS read-only
STATUS      current
DESCRIPTION
  "Current Mute setting
  "
DEFVAL { 0 }
 ::= { plnrAudio 2 }

END

```